

Amendment to Specification

Page 3, third paragraph, amend as follows:

It is a further object of the present invention to provide ~~a~~an outdoor open type luminaire lens, an elliptical reflective lens having a metalized exterior surface and a prism section covering at least twenty-five percent (25%) of the elliptical reflective lens, the prism section including ~~and~~ an array of external reflecting prisms of varying predetermined shapes and varying predetermined sizes whereby a desired efficient light distribution is produced.

Page 3, last paragraph, amend as follows:

It is yet another object of the present invention to provide an open type luminaire lens including a non-circular reflective lens having a metalized exterior surface and a prism section, the non-circular reflective lens having a shape generally defined by the combination of two parabolas, the prism section including ~~and~~ an array of external reflecting prisms of varying predetermined shapes and varying predetermined sizes.

Page 5, first paragraph under "BEST MODE FOR CARRYING OUT THE INVENTION", amend as follows:

With reference to Figure 1 of the drawings, shown therein is an open type luminaire 10 having a non-circular or elliptical reflective lens 12. Elliptical reflective lens 12 includes ~~and~~ an outer section 14. Elliptical reflective lens 12 has a connector rim 16 for use in connecting the elliptical reflective lens to the housing (not shown). The outer section 14 of the elliptical reflective lens 12 has a metalized exterior surface 18. Metalized exterior surface 18 is, in the preferred embodiment, an aluminum coating in a range from 0.000004 to 0.10 inches deposited

directly on the outer section 14 of the elliptical reflective lens. The aluminum coating is in the preferred embodiment is a 99.9% pure aluminum alloy containing a combination of aluminum and other metals. Other metallic or plastic coatings are also contemplated by the present invention as well as aluminum primers.

Page 7, in the paragraph bridging pages 7 and 8, amend as follows:

Referring now to FIGURE 3, the elliptical reflective lens has a non-circular shape. This shape is specific to the present invention and is defined by the combination of two parabolas. This combination of parabolas forms the elliptical or non-circular shape and is unique to the present invention as open type luminaires are circular or square in shape. The elliptical reflective lens 12 has been found to maximize the light leaving the luminaire 10 in an open optic type ~~prismetal~~ prismatic process. In combination with the array 32 of prisms 30, the elliptical shape produces a highly efficient light distribution of long and narrow which is especially well suited for roadway applications.

Page 8, first full paragraph, amend as follows:

FIGURE 4 illustrates ~~and an~~ an alternative embodiment of the present invention. A diffuse material insert 40 is disposed within the inside area 42 of the lens 12. As shown, the shape of the diffuse material insert 40 is designed to correspond or mate with the shape of the shape of the lens 12. The diffuse material insert 42 provides a diffusion light which allows a different resulting distribution of the light from the lens 12. In the preferred embodiment of the present invention, the diffuse material insert 42 will made from aluminum. The diffuse material insert 42 may also be made from plastic or polymer type materials which diffuse light rays. Different

materials will provide different light distributions. In the preferred embodiment, where the diffuse material insert 42 is made of aluminum, the insert 42 provides a distinctive light distribution pattern of long narrow.